
PROCEDURE

Department of Natural Resources

Date: September 2003

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Cancels: Replaces PR 14-005-060 (May 2000). Effective immediately.

PR 14-005-060 **SILVICULTURAL PRESCRIPTIONS**

APPLICATION This procedure applies to forest trust uplands.

Discussion. The Forest Resource Plan (FRP policy 16, discussion) requires rotation-length silvicultural prescriptions. Silvicultural prescriptions are optimal, site-specific sequences of activities, and/or absence of activities, devised to attain forest management unit (FMU) objectives. This procedure provides Department direction for silvicultural prescriptions. Department education and training will sustain region ability to implement this procedure.

Action. Silvicultural prescriptions shall determine and record FMU-specific pathways to optimally attain FMU objectives within the context of sustainable forestry. FMU objectives shall be formulated within site-specific capabilities to attain social, environmental/ecological, and economic objectives. Prescriptions should be modified if objectives change over time.

Henceforth, for primarily even-aged FMUs, silvicultural prescriptions shall be initiated prior to final harvest and carry through the next rotation. As un-prescribed primarily even-aged FMUs are entered intra-rotation, prescriptions for the remainder of the rotation shall be initiated at that point. For non-rotational uneven-aged stands, financial analysis shall span entries required to at least re-capture investments while more time to may be needed for other prescribed objectives.

As a minimum, silvicultural prescriptions shall include FMU objectives to: (1) in concert with other objectives, maximize trust benefit, (2) comply with pertinent policy and directives, and (3) attain and sustain required habitat, consistent with objectives for each watershed administrative unit (WAU). Other site-specific FMU objectives, such as to attain and/or sustain visual resource standards, shall be added as needed. (FRP policies 11, 19, 20, 22, 23, 24, 29, and 30)

Silvicultural prescriptions shall use financial analysis in determining trust benefit. Present net worth, generally in the form of bare land value (BLV), shall be a measure for financial analysis. Price, cost appreciation, and discount rates shall conform to current standard. (FRP policy 12)

Silvicultural prescriptions shall be recorded in the Department's planning and tracking database in a standard format to enable intra-rotational monitoring and modifications. Elements of the standard format are: (1) current situation relative to FMU objectives; (2) social, economic, and/or environmental FMU objectives; (3) measurable sub-components of FMU objectives (threshold targets); and (4) chronology and type of entries, costs/revenues, and rotation BLV.

APPROVED BY: _____
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DRAFT for SEPA Review—8/11/2003